GenCore version 5.1.4_p5_4578

OM nucleic - nucleic search, using sw model

Run on: March 26, 2003, 11:15:29 ; Search time 10203.6 Seconds
(without alignments)
65.601 Million cell updates/sec

Title: US-10-086-184-1
Perfect score: 23
Sequence: 1 aaatcggctccgaggcgggaaac 23

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 2054640 seqs, 14551402878 residues

Total number of hits satisfying chosen parameters: 774614

Minimum DB seq length: 0
Maximum DB seq length: 40

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : GenEmbl:*
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2: gb_htg:*
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35: em_htg_rod:*
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41: em_htgo_other:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.		Score	% Query Match	Length	DB	ID	Description
1		15.2	66.1	31	6	A12130	A12130 oligonucleo
2		15.2	66.1	31	6	I00041	I00041 Sequence 4
3		15	65.2	40	6	AR135225	AR135225 Sequence
4		15	65.2	40	6	AR146721	AR146721 Sequence
5		15	65.2	40	6	AR152292	AR152292 Sequence
6		15	65.2	40	6	AR157830	AR157830 Sequence
7	c	13.8	60.0	23	6	E26384	E26384 Neuralized
8	c	13.8	60.0	26	6	I18509	I18509 Sequence 9
9		13.8	60.0	33	6	AR151214	AR151214 Sequence
10	c	13.8	60.0	37	6	I18507	I18507 Sequence 7
11		13.6	59.1	29	6	AR139903	AR139903 Sequence
12		13.6	59.1	29	6	AR167547	AR167547 Sequence
13	c	13.6	59.1	34	6	AR123005	AR123005 Sequence
14	c	13.6	59.1	34	6	E16666	E16666 Primer. 7/1
15	c	13.6	59.1	34	6	E34469	E34469 Method of i
16		13.4	58.3	26	6	AX196735	AX196735 Sequence
17	c	13.4	58.3	33	6	AX323355	AX323355 Sequence
18	c	13.4	58.3	33	6	AX323358	AX323358 Sequence
19	c	13.2	57.4	24	6	AX317676	AX317676 Sequence
20	c	13.2	57.4	27	6	AR112741	AR112741 Sequence
21		13.2	57.4	33	6	AR151215	AR151215 Sequence
22		13.2	57.4	40	6	I12505	I12505 Sequence 26
23		13	56.5	27	6	AR185892	AR185892 Sequence
24	c	12.8	55.7	17	6	I18510	I18510 Sequence 10
25		12.8	55.7	23	6	AR110511	AR110511 Sequence
26		12.8	55.7	23	6	AR137064	AR137064 Sequence
27		12.8	55.7	27	6	AX103993	AX103993 Sequence
28	c	12.8	55.7	27	6	AX103994	AX103994 Sequence
29		12.8	55.7	27	6	AX104878	AX104878 Sequence
30	c	12.8	55.7	27	6	AX355056	AX355056 Sequence
31		12.8	55.7	27	6	AX355386	AX355386 Sequence
32		12.8	55.7	30	6	AR151183	AR151183 Sequence
33		12.8	55.7	30	6	AX431450	AX431450 Sequence
34	c	12.6	54.8	30	6	AX280543	AX280543 Sequence
35	c	12.6	54.8	30	6	AX280548	AX280548 Sequence
36		12.6	54.8	35	6	AX382274	AX382274 Sequence
37		12.6	54.8	35	6	AX382292	AX382292 Sequence
38		12.4	53.9	25	6	I04752	I04752 Sequence 76
39		12.4	53.9	31	6	AX248578	AX248578 Sequence
40		12.4	53.9	38	6	I20827	I20827 Sequence 22
41		12.4	53.9	38	6	I84578	I84578 Sequence 22
42	c	12.4	53.9	39	9	HSA224283	AJ224283 Homo sapi
43	c	12.2	53.0	26	6	A66703	A66703 Sequence 11
44	c	12.2	53.0	26	6	AR166214	AR166214 Sequence
45		12.2	53.0	26	6	AX069193	AX069193 Sequence

ALIGNMENTS

RESULT 1
A12130
LOCUS A12130 31 bp DNA linear PAT 03-DEC-1993
DEFINITION oligonucleotide pMA5622.
ACCESSION A12130
VERSION A12130.1 GI:491282
KEYWORDS .
SOURCE synthetic construct.
ORGANISM synthetic construct
artificial sequences.
FEATURES Location/Qualifiers
source 1. .31
/organism="synthetic construct"
/db_xref="taxon:32630"
BASE COUNT 11 a 7 c 9 g 4 t

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ORIGIN

  Query Match             66.1%;  Score 15.2;  DB 6;  Length 31;
  Best Local Similarity   85.0%;  Pred. No. 2.3e+04;
  Matches   17;  Conservative    0;  Mismatches    3;  Indels    0;  Gaps    0;

Qy      3 ATCGGCTCCGAGGCGGGAAA 22
          ||||| |||||  |||||||
Db      9 ATCGGATCCGATCCGGGAAA 28


RESULT 2
I00041
LOCUS       I00041                    31 bp ss-DNA     linear   PAT 21-MAY-1993
DEFINITION  Sequence 4 from Patent US 4918166.
ACCESSION   I00041
VERSION     I00041.1  GI:271113
KEYWORDS    .
SOURCE      Unknown.
  ORGANISM  Unknown.
            Unclassified.
REFERENCE   1  (bases 1 to 31)
  AUTHORS   Kingsman,A.J., Kingsman,S.M. and Adams,S.E.
  TITLE     Particulate hybrid HIV antigens
  JOURNAL   Patent: US 4918166-A 4 17-APR-1990;
            Oxford Gene Systems Limited; Oxford;
            GB;
FEATURES             Location/Qualifiers
     source          1. .31
                     /organism="unknown"
BASE COUNT       11 a      7 c      9 g      4 t
ORIGIN

  Query Match             66.1%;  Score 15.2;  DB 6;  Length 31;
  Best Local Similarity   85.0%;  Pred. No. 2.3e+04;
  Matches   17;  Conservative    0;  Mismatches    3;  Indels    0;  Gaps    0;

Qy      3 ATCGGCTCCGAGGCGGGAAA 22
          ||||| |||||  |||||||
Db      9 ATCGGATCCGATCCGGGAAA 28


RESULT 3
AR135225
LOCUS       AR135225                  40 bp    DNA     linear   PAT 16-MAY-2001
DEFINITION  Sequence 51 from patent US 6194559.
ACCESSION   AR135225
VERSION     AR135225.1  GI:14124130
KEYWORDS    .
SOURCE      Unknown.
  ORGANISM  Unknown.
            Unclassified.
REFERENCE   1  (bases 1 to 40)
  AUTHORS   Kim,S.Young.
  TITLE     Abscisic acid responsive element-binding transcription factors
  JOURNAL   Patent: US 6194559-A 51 27-FEB-2001;
FEATURES             Location/Qualifiers
     source          1. .40
                     /organism="unknown"
BASE COUNT        9 a      11 c     12 g      7 t      1 others
ORIGIN

  Query Match             65.2%;  Score 15;  DB 6;  Length 40;
  Best Local Similarity   78.3%;  Pred. No. 2.8e+04;
  Matches   18;  Conservative    0;  Mismatches    5;  Indels    0;  Gaps    0;

Qy      1 AAATCGGCTCCGAGGCGGGAAAC 23
          || ||| |||  |||||||| ||
Db      2 AATTCGCCTCTAAGGCGGGACAC 24


RESULT 4
AR146721
LOCUS       AR146721                  40 bp    DNA     linear   PAT 08-AUG-2001
DEFINITION  Sequence 51 from patent US 6218527.
ACCESSION   AR146721
VERSION     AR146721.1  GI:15109910
KEYWORDS    .
SOURCE      Unknown.
  ORGANISM  Unknown.
            Unclassified.
REFERENCE   1  (bases 1 to 40)
  AUTHORS   Kim,S.Young.
  TITLE     Nucleic acid molecule encoding abscisic acid responsive
            element-binding factor 3
  JOURNAL   Patent: US 6218527-A 51 17-APR-2001;
FEATURES             Location/Qualifiers
     source          1. .40
                     /organism="unknown"
BASE COUNT        9 a      11 c     12 g      7 t      1 others
ORIGIN

  Query Match             65.2%;  Score 15;  DB 6;  Length 40;
  Best Local Similarity   78.3%;  Pred. No. 2.8e+04;
  Matches   18;  Conservative    0;  Mismatches    5;  Indels    0;  Gaps    0;

Qy      1 AAATCGGCTCCGAGGCGGGAAAC 23
          || ||| |||  |||||||| ||
Db      2 AATTCGCCTCTAAGGCGGGACAC 24


RESULT 5
AR152292
LOCUS       AR152292                  40 bp    DNA     linear   PAT 08-AUG-2001
DEFINITION  Sequence 51 from patent US 6232461.
ACCESSION   AR152292
VERSION     AR152292.1  GI:15118342
KEYWORDS    .
SOURCE      Unknown.
  ORGANISM  Unknown.
            Unclassified.
REFERENCE   1  (bases 1 to 40)
  AUTHORS   Kim,S.Young.
  TITLE     Nucleic acid molecule encoding abscisic acid responsive
            element-binding ractor 4
  JOURNAL   Patent: US 6232461-A 51 15-MAY-2001;
FEATURES             Location/Qualifiers
     source          1. .40
                     /organism="unknown"
BASE COUNT        9 a      11 c     12 g      7 t      1 others
ORIGIN

  Query Match             65.2%;  Score 15;  DB 6;  Length 40;
  Best Local Similarity   78.3%;  Pred. No. 2.8e+04;
  Matches   18;  Conservative    0;  Mismatches    5;  Indels    0;  Gaps    0;

Qy      1 AAATCGGCTCCGAGGCGGGAAAC 23
          || ||| |||  |||||||| ||
Db      2 AATTCGCCTCTAAGGCGGGACAC 24


RESULT 6
AR157830
LOCUS       AR157830                  40 bp    DNA     linear   PAT 17-OCT-2001
DEFINITION  Sequence 51 from patent US 6245905.
ACCESSION   AR157830
VERSION     AR157830.1  GI:16218843
KEYWORDS    .
SOURCE      Unknown.
  ORGANISM  Unknown.
            Unclassified.
REFERENCE   1  (bases 1 to 40)
  AUTHORS   Kim,S.Young.
  TITLE     Nucleic acid molecule encoding abscisic acid responsive
            element-binding factor 2
  JOURNAL   Patent: US 6245905-A 51 12-JUN-2001;
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FEATURES             Location/Qualifiers
     source          1. .40
                     /organism="unknown"
BASE COUNT        9 a     11 c     12 g      7 t      1 others
ORIGIN

  Query Match             65.2%;  Score 15;  DB 6;  Length 40;
  Best Local Similarity   78.3%;  Pred. No. 2.8e+04;
  Matches   18;  Conservative    0;  Mismatches    5;  Indels    0;  Gaps    0;

Qy      1 AAATCGGCTCCGAGGCGGGAAAC 23
          || ||| |||  |||||||| ||
Db      2 AATTCGCCTCTAAGGCGGGACAC 24


RESULT 7
E26384/c
LOCUS       E26384                    23 bp    DNA     linear   PAT 18-JUN-2001
DEFINITION  Neuralized protein, polynucleotide encoding said protein and
            antibody recognizing said protein.
ACCESSION   E26384
VERSION     E26384.1  GI:13025080
KEYWORDS    JP 1999137257-A/11.
SOURCE      unidentified.
  ORGANISM  unidentified
            unclassified.
REFERENCE   1  (bases 1 to 23)
  AUTHORS   Motomi,N., Hideo,N., Mitsuhiro,Y. and Hideyuki,S.
  TITLE     Neuralized protein, polynucleotide encoding said protein and
            antibody recognizing said protein
  JOURNAL   Patent: JP 1999137257-A 11 25-MAY-1999;
            SUMITOMO ELECTRIC IND LTD
COMMENT     OS   Unidentified
            PN   JP 1999137257-A/11
            PD   25-MAY-1999
            PF   14-NOV-1997 JP 1997313211
            PR
            PI   MOTOMI NAKADA,HIDEO NAKAMURA,MITSUHIRO YOSHIDA,HIDEYUKI SAYA
            PC   C12N15/09,C07K14/47,C07K16/18,C12P21/02,C12Q1/68,G01N33/53//
            PC   (C12N15/09,C12R1:91),(C12P21/02,C12R1:19),C12N15/00,
            (C12N15/00, PC   C12R1:91)
            CC   Strandedness: Single;
            CC   Topology: Linear;
            FH   Key             Location/Qualifiers
            FT   source          1. .23
            FT                   /organism='Unidentified'.
FEATURES             Location/Qualifiers
     source          1. .23
                     /organism="unidentified"
                     /db_xref="taxon:32644"
BASE COUNT        2 a      8 c      8 g      5 t
ORIGIN

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  Best Local Similarity   88.2%;  Pred. No. 1e+05;
  Matches   15;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy      1 AAATCGGCTCCGAGGCG 17
          ||| ||||| |||||||
Db     22 AAAGCGGCTGCGAGGCG 6


RESULT 8
I18509/c
LOCUS       I18509                    26 bp    DNA     linear   PAT 07-OCT-1996
DEFINITION  Sequence 9 from patent US 5496831.
ACCESSION   I18509
VERSION     I18509.1  GI:1598864
KEYWORDS    .
SOURCE      Unknown.
  ORGANISM  Unknown.
            Unclassified.
REFERENCE   1  (bases 1 to 26)
  AUTHORS   Alexander-Bridges,M.C. and Zhao,H.-F.
  TITLE     Inhibition of insulin-induced adiposis
  JOURNAL   Patent: US 5496831-A 9 05-MAR-1996;
FEATURES             Location/Qualifiers
     source          1. .26
                     /organism="unknown"
BASE COUNT        4 a     10 c      4 g      8 t
ORIGIN

  Query Match             60.0%;  Score 13.8;  DB 6;  Length 26;
  Best Local Similarity   88.2%;  Pred. No. 9.9e+04;
  Matches   15;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy      6 GGCTCCGAGGCGGGAAA 22
          ||||  ||||||||||
Db     18 GGCTGAGAGGCGGGAAA 2


RESULT 9
AR151214
LOCUS       AR151214                  33 bp    DNA     linear   PAT 08-AUG-2001
DEFINITION  Sequence 40 from patent US 6232061.
ACCESSION   AR151214
VERSION     AR151214.1  GI:15117264
KEYWORDS    .
SOURCE      Unknown.
  ORGANISM  Unknown.
            Unclassified.
REFERENCE   1  (bases 1 to 33)
  AUTHORS   Marchionni,M.Andrew. and Johnson,C.D.
  TITLE     Homology cloning
  JOURNAL   Patent: US 6232061-A 40 15-MAY-2001;
FEATURES             Location/Qualifiers
     source          1. .33
                     /organism="unknown"
BASE COUNT        6 a      7 c      9 g      5 t      6 others
ORIGIN

  Query Match             60.0%;  Score 13.8;  DB 6;  Length 33;
  Best Local Similarity   65.2%;  Pred. No. 9.9e+04;
  Matches   15;  Conservative    2;  Mismatches    6;  Indels    0;  Gaps    0;

Qy      1 AAATCGGCTCCGAGGCGGGAAAC 23
          || |||| |||| . | ||:||:
Db      3 AATTCGGATCCGGNACNGGRAAY 25


RESULT 10
I18507/c
LOCUS       I18507                    37 bp    DNA     linear   PAT 07-OCT-1996
DEFINITION  Sequence 7 from patent US 5496831.
ACCESSION   I18507
VERSION     I18507.1  GI:1598862
KEYWORDS    .
SOURCE      Unknown.
  ORGANISM  Unknown.
            Unclassified.
REFERENCE   1  (bases 1 to 37)
  AUTHORS   Alexander-Bridges,M.C. and Zhao,H.-F.
  TITLE     Inhibition of insulin-induced adiposis
  JOURNAL   Patent: US 5496831-A 7 05-MAR-1996;
FEATURES             Location/Qualifiers
     source          1. .37
                     /organism="unknown"
BASE COUNT        8 a     14 c      5 g     10 t
ORIGIN

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  Best Local Similarity   88.2%;  Pred. No. 9.8e+04;
  Matches   15;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy      6 GGCTCCGAGGCGGGAAA 22
          ||||  ||||||||||
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Db      29 GGCTGAGAGGCGGGAAA 13


RESULT 11
AR139903
LOCUS       AR139903                  29 bp    DNA     linear   PAT 16-JUN-2001
DEFINITION  Sequence 81 from patent US 6207416.
ACCESSION   AR139903
VERSION     AR139903.1  GI:14482399
KEYWORDS    .
SOURCE      Unknown.
  ORGANISM  Unknown.
            Unclassified.
REFERENCE   1  (bases 1 to 29)
  AUTHORS   Tsarev,S.A., Emerson,S.U. and Purcell,R.H.
  TITLE     Recombinant proteins of a Pakistani strain of hepatitis E and their
            use in diagnostic methods and vaccines
  JOURNAL   Patent: US 6207416-A 81 27-MAR-2001;
FEATURES             Location/Qualifiers
     source          1. .29
                     /organism="unknown"
BASE COUNT        6 a      10 c       9 g       4 t
ORIGIN

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  Matches   16;  Conservative    0;  Mismatches    4;  Indels    0;  Gaps    0;

Qy       3 ATCGGCTCCGAGGCGGGAAA 22
           ||| ||||| |||||  |||
Db       8 ATCCGCTCCCAGGCGTCAAA 27


RESULT 12
AR167547
LOCUS       AR167547                  29 bp    DNA     linear   PAT 17-DEC-2001
DEFINITION  Sequence 81 from patent US 6287759.
ACCESSION   AR167547
VERSION     AR167547.1  GI:17903333
KEYWORDS    .
SOURCE      Unknown.
  ORGANISM  Unknown.
            Unclassified.
REFERENCE   1  (bases 1 to 29)
  AUTHORS   Tsarev,S.A., Emerson,S.U. and Purcell,R.H.
  TITLE     Recombinant proteins of a Pakistani strain of hepatitis E and their
            use in diagnostic methods and vaccines
  JOURNAL   Patent: US 6287759-A 81 11-SEP-2001;
FEATURES             Location/Qualifiers
     source          1. .29
                     /organism="unknown"
BASE COUNT        6 a      10 c       9 g       4 t
ORIGIN

  Query Match             59.1%;  Score 13.6;  DB 6;  Length 29;
  Best Local Similarity   80.0%;  Pred. No. 1.2e+05;
  Matches   16;  Conservative    0;  Mismatches    4;  Indels    0;  Gaps    0;

Qy       3 ATCGGCTCCGAGGCGGGAAA 22
           ||| ||||| |||||  |||
Db       8 ATCCGCTCCCAGGCGTCAAA 27


RESULT 13
AR123005/c
LOCUS       AR123005                  34 bp    DNA     linear   PAT 16-MAY-2001
DEFINITION  Sequence 5 from patent US 6168940.
ACCESSION   AR123005
VERSION     AR123005.1  GI:14107971
KEYWORDS    .
SOURCE      Unknown.
  ORGANISM  Unknown.
            Unclassified.
REFERENCE   1  (bases 1 to 34)
  AUTHORS   Mizunashi,W.
  TITLE     Protein having ethylenediamine-N,N'-disuccinic acid:ethylenediamine
            lyase acitivity and gene encoding the same
  JOURNAL   Patent: US 6168940-A 5 02-JAN-2001;
FEATURES             Location/Qualifiers
     source          1. .34
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BASE COUNT        5 a      10 c       2 g       7 t      10 others
ORIGIN

  Query Match             59.1%;  Score 13.6;  DB 6;  Length 34;
  Best Local Similarity   63.6%;  Pred. No. 1.2e+05;
  Matches   14;  Conservative    2;  Mismatches    6;  Indels    0;  Gaps    0;

Qy       1 AAATCGGCTCCGAGGCGGGAAA 22
           |:||:|| || |  || || ||
Db      33 ARATHGGNTCNGTYGCNGGNAA 12


RESULT 14
E16666/c
LOCUS       E16666                    34 bp    DNA     linear   PAT 28-JUL-1999
DEFINITION  Primer.
ACCESSION   E16666
VERSION     E16666.1  GI:5711349
KEYWORDS    JP 1998210984-A/3.
SOURCE      unidentified.
  ORGANISM  unidentified
            unclassified.
REFERENCE   1  (bases 1 to 34)
  AUTHORS   Mizunashi,W.
  TITLE     PROTEIN HAVING ETHYLENEDIAMINE-N,N'-DISUCCINIC ACID:
            ETHYLENEDIAMINE LYASE ACTIVITY AND ITS GENE
  JOURNAL   Patent: JP 1998210984-A 3 11-AUG-1998;
            NITTO CHEM IND CO LTD
COMMENT     OS   None
            OC   Artificial sequences.
            PN   JP 1998210984-A/3
            PD   11-AUG-1998
            PF   28-FEB-1997 JP 1997060077
            PR   29-NOV-1996 JP 96P   333018
            PI   MIZUNASHI WATARU
            PC   C12N15/09,C07H21/04,C12N1/21,C12N9/88,C12P7/46,(C12N15/09, PC
             C12R1:01),
            PC   (C12N1/21,C12R1:19),(C12P7/46,C12R1:19);
            CC   strandedness: Single;
            CC   topology: Linear;
            CC   hypothetical: No;
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FEATURES             Location/Qualifiers
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                     /db_xref="taxon:32644"
BASE COUNT        5 a      10 c       2 g       7 t      10 others
ORIGIN

  Query Match             59.1%;  Score 13.6;  DB 6;  Length 34;
  Best Local Similarity   63.6%;  Pred. No. 1.2e+05;
  Matches   14;  Conservative    2;  Mismatches    6;  Indels    0;  Gaps    0;

Qy       1 AAATCGGCTCCGAGGCGGGAAA 22
           |:||:|| || |  || || ||
Db      33 ARATHGGNTCNGTYGCNGGNAA 12


RESULT 15
E34469/c
LOCUS       E34469                    34 bp    DNA     linear   PAT 18-JUN-2001
DEFINITION  Method of inactivating fumarase, microorganism obtained thereby and
```

process for producing optically active aminopolycarboxylic acid by using the microorganism Method of inactivating fumarase, microorganism obtained thereby and process for producing optically active aminopolycarboxylic acid by using the microorganism Method of inactivating fumarase, microorganism obtained thereby and process for producing optically active aminopolycarboxylic acid by using the microorganism Method of inactivating fumarase, microorganism obtained thereby and process for producing optically active aminopolycarboxylic acid by using the microorganism Method of inactivating fumarase, microorganism obtained thereby and process for producing optically active aminopolycarboxylic acid by using the microorganism.

ACCESSION E34469
VERSION E34469.1 GI:13018863
KEYWORDS JP 1999196882-A/4.
SOURCE synthetic construct.
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 34)
AUTHORS Mami,K., Makoto,K. and Ryuichi,E.
TITLE Method of inactivating fumarase, microorganism obtained thereby and process for producing optically active aminopolycarboxylic acid by using the microorganism
JOURNAL Patent: JP 1999196882-A 4 27-JUL-1999;
MITSUBISHI RAYON CO LTD
COMMENT OS Artificial Sequence
PN JP 1999196882-A/4
PD 27-JUL-1999
PF 28-OCT-1998 JP 1998307594
PR
PI MAMI KATO,MAKOTO KANEKO,RYUICHI ENDO
PC C12N15/09,C12N1/20,C12N1/21,C12N9/88,C12N9/99,C12P13/00// PC (C12N15/09,C12R1:01),(C12N1/20,C12R1:38),(C12N1/20,C12R1:01), PC (C12N1/21,C12R1:19),(C12N1/21,C12R1:01),(C12N9/88,C12R1:01), PC (C12N9/88,C12R1:38),(C12N9/88,C12R1:19),C12N15/00,(C12N15/00, PC C12R1:01)
CC
FH Key Location/Qualifiers
FT source 1. .34
FT /organism='Artificial Sequence'.
FEATURES Location/Qualifiers
source 1. .34
/organism="synthetic construct"
/db_xref="taxon:32630"
BASE COUNT 5 a 10 c 2 g 7 t 10 others
ORIGIN

Query Match 59.1%; Score 13.6; DB 6; Length 34;
Best Local Similarity 63.6%; Pred. No. 1.2e+05;
Matches 14; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

```
Qy       1 AAATCGGCTCCGAGGCGGGAAA 22
           |:||:|| || |  || || ||
Db      33 ARATHGGNTCNGTYGCNGGNAA 12
```

Search completed: March 26, 2003, 16:47:38
Job time : 10205.6 secs